

I. Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (CURRENTLY AMENDED) A pointing device comprising:
- a base part;
  - an operating part supported on said base part in a rockable manner about a fulcrum;
  - a magnet carried on one of said base part and said operating part;
  - a magneto-electro transducer carried on the other of said base part and said operating part; and
  - an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part, said elastic member being formed as a plate spring provided with an opening to receive the fulcrum therethrough, a first section of said elastic member being engageable with said base part and a second section of said elastic member being engageable with said operating part, said second section being integrally joined to said first section and located to extend around said fulcrum,
- wherein said first section extends annularly around said fulcrum and is fixedly supported on said base part, and said second section extends ~~accurately~~ arcuately along said first section to exert a spring action, and
- wherein said second section includes one of --
- a distal free end engageable with said operating part and a proximal end integrally joined to said first section at a position remote from said distal free end, and has a length between said distal end and said proximal end for exerting a spring action, and
  - a distal free end engageable with said operating part and a proximal end

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integrally joined to said first section at a position close to said distal free end, and has a generally U-shaped length between said distal end and said proximal end for exerting a spring action.

Claims 2-6 (CANCELED)

7. (PREVIOUSLY PRESENTED) A pointing device comprising:

a base part;

an operating part supported on said base part in a rockable manner about a fulcrum;

a magnet having a first width and being carried on one of said base part and said operating part;

a magneto-electro transducer carried on the other of said base part and said operating part;

an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part; and

a yoke, separate from the magnet, having a width greater than the magnet, and, forming a magnetic path, said yoke being arranged in said operating part to at least partially cover said magnet,

wherein said yoke minimizes magnetic leakage through the operating part to an exterior thereof, and directs a magnetic field toward the magneto-electro transducer.

8. (CURRENTLY AMENDED) A pointing device comprising:

a base part;

an operating part supported on said base part in a rockable manner about a fulcrum;

a magnet carried on one of said base part and said operating part;

a magneto-electro transducer carried on the other of said base part and said operating part;

an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part; and

a connector part arranged adjacent to said base part and said operating part, said connector part being detachably connectable to a data processor and serving to electrically and mechanically support, in a rotatable manner, said base part and said operating part relative to the data processor as an exclusive support for the pointing device, when said connector part is connected to the data processor.

9. (CURRENTLY AMENDED) A pointing device comprising:

an operating part;

a detecting part for detecting a movement of said operating part;

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a connector part arranged adjacent to said operating part and said detecting part, said connector part being detachably connectable to a data processor and serving to electrically and mechanically support, in a rotatable manner, said operating part and said detecting part relative to the data processor as an exclusive support for the pointing device, when said connector part is connected to the data processor.

10. (PREVIOUSLY PRESENTED) A pointing device as set forth in claim 9, further comprising a housing for accommodating said operating part and said detecting part, said connector part being rotatably coupled to said housing.

Claims 11-14 (CANCELED)

15. (NEW) A pointing device comprising:

a base part;

an operating part supported on said base part in a rockable manner about a fulcrum;

a magnet carried on one of said base part and said operating part;

a magneto-electro transducer carried on the other of said base part and said

operating part;

an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part, said elastic member being formed as a plate spring provided with an opening to receive the fulcrum therethrough, a first section of said elastic member being engageable with said base part and a second section of said elastic member being engageable with said operating part, said second section being integrally joined to said first section and located to extend around said fulcrum,

wherein said first section extends annularly around said fulcrum and is fixedly supported on said base part, and said second section extends arcuately along said first section to exert a spring action, and

wherein said second section includes one of --

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a distal free end engageable with said operating part and a proximal end integrally joined to said first section at a position remote from said distal free end, and has a length between said distal end and said proximal end for exerting a spring action, and

a distal free end engageable with said operating part and a proximal end integrally joined to said first section at a position close to said distal free end, and has a generally U-shaped length between said distal end and said proximal end for exerting a spring action; and

a yoke forming a magnetic path, said yoke being arranged in said operating part to at least partially cover the magnet.

16. (NEW) A pointing device as set forth in claim 15, wherein said magnet is carried on said operating part, and wherein said yoke is arranged adjacent to said magnet on a side remote from said magneto-electro transducer carried on said base part.

17. (NEW) A pointing device comprising:  
a base part;

an operating part supported on said base part in a rockable manner about a fulcrum;

a magnet carried on one of said base part and said operating part;

a magneto-electro transducer carried on the other of said base part and said operating part;

an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part;

a connector part arranged adjacent to said base part and said operating part, said connector part being detachably connectable to a data processor and serving to electrically and mechanically support, in a rotatable manner, said base part and said operating part relative to the data processor, as an exclusive support for the pointing device, when said connector part is connected to the data processor; and

a yoke forming a magnetic path, said yoke being arranged in said operating part to at least partially cover the magnet.

18. (NEW) A pointing device comprising:

an operating part;

a detecting part for detecting a movement of said operating part;

a connector part arranged adjacent to said operating part and said detecting part, said connector part being detachably connectable to a data processor and serving to electrically and mechanically support, in a rotatable manner, said operating part and said detecting part relative to the data processor, as an exclusive support for the pointing device, when said connector part is connected to the data processor; and

a yoke forming a magnetic path, said yoke being arranged in said operating part to at least partially cover a magnet of the pointing device.

19. (NEW) A pointing device comprising:

a base part;

an operating part supported on said base part in a rockable manner about a fulcrum;

a magnet carried on one of said base part and said operating part;

a magneto-electro transducer carried on the other of said base part and said operating part;

an elastic member arranged between said base part and said operating part to elastically push said operating part toward an initial balanced position on said base part, said elastic member being formed as a plate spring provided with an opening to receive the fulcrum therethrough, a first section of said elastic member being engageable with said base part and a second section of said elastic member being engageable with said operating part, said second section being integrally joined to said first section and located to extend around said fulcrum,

wherein said first section extends annularly around said fulcrum and is fixedly supported on said base part, and said second section extends arcuately along said first section to exert a spring action,

wherein said second section includes one of --

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a distal free end engageable with said operating part and a proximal end integrally joined to said first section at a position remote from said distal free end, and has a length between said distal end and said proximal end for exerting a spring action, and

a distal free end engageable with said operating part and a proximal end integrally joined to said first section at a position close to said distal free end, and has a generally U-shaped length between said distal end and said proximal end for exerting a spring action; and

a yoke separate from a magnet, having a width greater than the magnet, and being arranged in said operating part to at least partially cover said magnet.

20. (NEW) A pointing device as set forth in claim 9,

wherein said detecting part includes a magneto-electro transducer, wherein said magnet is received by said operating part, and wherein said yoke is arranged adjacent to said magnet on a side remote from said magneto-electro transducer.

21. (NEW) A pointing device as set forth in claim 9, wherein said yoke is separate from the magnet, has a width greater than the magnet, and is arranged in said operating part to at least partially cover said magnet.

22. (NEW) A pointing device as set forth in claim 8,  
wherein said detecting part includes a magneto-electro transducer, wherein said magnet is received by said operating part, and wherein said yoke is arranged adjacent to said magnet on a side remote from said magneto-electro transducer.

23. (NEW) A pointing device as set forth in claim 8, wherein said yoke is separate from the magnet, has a width greater than the magnet, and is arranged in said operating part to at least partially cover said magnet.

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